

Renewable Energy Resources Program

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and Community Affairs
Bureau of Energy and Recycling
Alternative Energy Section

Annual Funding:

Renewable Energy Resources and Coal Technology Development Assistance Charge generates approximately 10 million dollars per year.

- 50% to the Renewable Energy Resources Trust Fund.
- 50% to the Coal Technology Development Trust Fund.

Focus:

To the extent funds are available, The Renewable Energy Resources Program will fund projects focused on increasing the utilization of renewable energy technologies. These include

- Photovoltaics
- Dedicated crops grown for energy productions
- Solar thermal energy
- Organic waste biomass
- Hydropower that does not involve new construction
- Wind

Grant and Rebate Eligibility:

Potential grantees must be within the service area of an investor-owned gas or electric utility or, a municipal gas or electric utility or electric cooperative that imposes the Renewable Energy Resources and Coal Technology Development Assistance Charge.

Rebate Program Funding:

Solar Thermal

50% W/maximum of \$5,000 for;

- Water heating systems
 - 1 kW equivalent or
 - 20 square feet of collectors
- Space heating Systems
 - 4 kW equivalent or
 - 100 square feet of collectors

Rebate Program Funding Cont.:

Photovoltaics

60% W/maximum of \$6.00/w(DC)
w/maximum of \$5,000

- Photovoltaic power system must be UL listed and have a rated design capacity in excess of 500 watts (DC), but no more than 2000 watts (DC).

Grant Program Funding:

Solar Thermal

50% W/maximum of \$150,000 for;

- Water heating systems
 - 16 kW equivalent or
 - 400 square feet of collectors
- Space heating Systems
 - 32 kW equivalent or
 - 800 square feet of collectors

Grant Program Funding Cont.:

Photovoltaics

- 60% W/maximum of \$6.00/w(DC)
w/maximum of \$300,000
 - Photovoltaic power system must be UL listed and have a rated design capacity of at least 2000 watts (DC).

Grant Program Funding Cont.:

Wind

Small Wind Farms (<1mW)

- 50% w/maximum of \$2.00/w with a maximum grant of \$500,000.

Medium Size Wind Farms (1 to 10 mW)

- 35% with a maximum grant of \$1,000,000.

Large Wind Farms (10+ mW)

10% with a maximum grant of \$2,750,000.

Grant Program Funding Cont.:

Dedicated crops grown for energy production

- 50% w/maximum of \$150,000
 - The system must be specifically designed to use dedicated crops to produce electricity.

Hydroelectric

- 50% w/maximum of \$1,000,000
 - The system may not involve new construction or significant expansion of hydropower dams.

Grant Program Funding Cont.:

Organic Waste Biomass

- 50% w/maximum of \$550,000
 - The system must be designed to produce and/or use biogas as a source of fuel to produce electricity or heat. *(Includes Fuel Cells)*

Application Documentation:

- History of the applicant
- Narrative description of the project
- Detailed statement of work
- Budget
- Pertinent experience
- Proposed project timetable
- Results

Rebate Program:

- The RERP has funded approximately 33 rebates totaling \$254,052 in project costs. Rebate funding from DCCA totaled \$116,915.



Rebate Projects:

Solar Thermal



- Total project costs were \$3,100
- DCCA rebate award was \$1,550
- Project located in Decatur, IL in Illinois Power territory.

Rebate Projects cont.:

Photovoltaic

- Total project costs \$9,007 size 640 W
- DCCA rebate award was \$4,995
- Macomb, IL Ameren Power territory



Grant Program:

- The RERP has funded approximately 76 projects totaling \$ 84,450,000 in total project costs. Grants from DCCA totaling \$ 14,050,000 have been awarded.



Grant Projects

Individual: Photovoltaic

- Total project costs \$34,206 size 2.88 kW.
- DCCA grant award was \$20,519.
- Pecatonica, IL ComEd Power territory.



Grant projects cont.

Individual: Wind

- Total project costs \$40,863 size 10 kW.
- DCCA grant award was \$20,418.
- Neoga, IL Norris REC territory.



Grant projects cont.

Governmental: Photovoltaic



- Frank W. Reilly Elementary School
- Total Project Costs \$123,361 size 10 kW
- DCCA grant award was \$64,417
- Chicago, IL ComEd Power territory

* Partnership effort with ComEd and City of Chicago

Grant projects cont.

Business: Solar Thermal

- Express Laundry
- Total Project Costs \$36,600
- DCCA grant award was \$18,330
- Chicago, IL ComEd Power territory



Grant projects cont.

Business: Biomass



- Dixon/Lee Landfill size 3 megawatt
- Total Project Costs \$5,150,000
- DCCA grant award was \$550,000
- Chicago, IL ComEd Power territory

Grant projects cont.

Business: Biomass

- Livingston Landfill size 15 megawatt
- Total Project Costs \$22,000,000
- DCCA grant award was \$550,000
- Chicago, IL ComEd Power territory



Grant projects cont.

Not-For-Profit: Photovoltaic



- Peggy Notebarent Nature Museum
- Total Project Costs \$326,938 size 33.6 kW
- DCCA grant award was \$196,163
- Chicago, IL ComEd Power territory

* Partnership effort with ComEd and City of Chicago

The End



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